

START

MEETING MINUTES

Subject: Expedited Response Action Weekly Interface

TO: Distribution

BUILDING: 740 Stevens Building

FROM: W. L. Johnson

CHAIRMAN: G. C. Henckel

Dept-Operation-Component	Area	Shift	Meeting Dates	Number Attending
Environmental Engineering	3000	Day	March 29, 1993	7

Distribution

State of Washington Department of Ecology

J. Donnelly
L. Goldstein
D. Goswami
R. L. Hibbard
J. Phillips*
D. D. Teel
N. Uziemblo
J. Yokel
T. Wooley*

U.S. Army Corps of Engineers

J. T. Stewart A5-20

U.S. Department of Energy, Richland Field Office

H. L. Chapman A5-19
J. K. Erickson A5-19
E. D. Goller* A5-19
R. G. McLeod A5-19
P. M. Pak A5-19
R. K. Stewart A5-19

U.S. Environmental Protection Agency

P. R. Beaver B5-01
D. R. Einar
D. A. Faulk
L. E. Gadbois
P. S. Innis*
D. R. Sherwood

Westinghouse Hanford Company

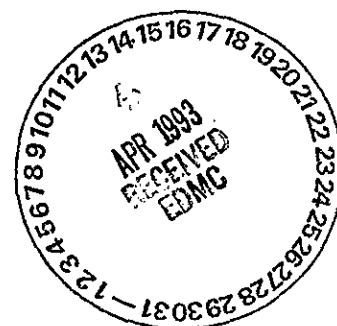
L. D. Arnold B2-35
M. V. Berriochoa B3-30
H. D. Downey H6-27
W. F. Heine B2-35
G. C. Henckel* H6-04
W. L. Johnson* H6-04
J. K. Patterson H6-27
D. L. Sickle H6-27
T. M. Wintczak H6-27
EDMC H6-08
ERAG Route H6-04
GCH File/LB

*Attendees

The weekly interface meetings on the expedited response actions (ERAs) was held to status the ERAs for the U.S. Department of Energy, Richland Field Office (RL), the U.S. Environmental Protection Agency, and the State of Washington Department of Ecology. The meeting was conducted in accordance with the attached agenda. The revised *ERA Candidate Waste Sites* document was provided to the regulators and RL.

Attachments:

1. Agenda
2. Action Item List
3. Decisions, Agreements & Commitments
4. Expedited Response Action Weekly Report, week ending 03/28/93
5. Waste Inspection Log



WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: March 29, 1993

- GENERAL ISSUES
 - ERA Interface Action Item review
- INDIVIDUAL PROJECT STATUS
 - Riverland
 - o Radiological background issue
 - Sodium Dichromate
 - o Work stopped/asbestos/restart 3/30/93
 - Pickling Acid Crib
 - o Groundwater
 - N-Springs
 - o Revising draft proposal
 - North Slope
 - o Landfills issue
 - 200-W Carbon Tetrachloride
 - o On schedule for 3000 cfm
 - 618-11
 - o Transportation/packing draft
 - o USRADS survey 618-10
- OTHER ISSUE
- SUMMARY OF ACTION ITEMS
- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

9 3 1 9 9 0 2 0 9 5 7

EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-
March 29, 1993

ORGANIZATION

ACTION ITEM

WHC

WHC will provide RL, EPA, and Ecology copies of the GPR reports for the Riverland ERA site when it becomes available. (open) Note: North Slope, Sodium Dichromate, and Pickling Acid reports have been provided.

RL

RL will contact EPA to status the 618-9 closure report. (open)

EPA/Ecology

EPA and Ecology will examine available data for radiation background as it pertains to ERAs. (open)

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-
March 29, 1993

DECISIONS:

AGREEMENTS:

No significant actions to report

COMMITMENTS:

DOE Representative

EPA Representative

ECOLOGY Representative

WHC Representative

Weekly Report, Week Ending March 28, 1993
EXPEDITED RESPONSE ACTIONS
Technical and Management Contact - Wayne L. Johnson, 376-1721
Environmental Division

Sodium Dichromate Expedited Response Action - The removal activity initiated on Wednesday March 17, 1993, was suspended on March 19, 1993, due to discovery of asbestos in the soil. The removal activity is anticipated to restart on March 30, 1993, with minimal additional impact to the project.

North Slope Expedited Response Action - Preparation of the ERA Proposal continues on schedule. Data is still arriving from the labs.

N-Springs Expedited Response Action - The ERA proposal has been reviewed and comments are being dispositioned. The document is still on schedule for transmittal to RL review the first week of April.

618-11 Burial Ground Expedited Response Action - The historical characterization report is progressing slowly but draft should be completed by the end of March. The draft packaging and transportation information has been received and reviewed.

Riverland Expedited Response Action - The rough draft ERA Proposal is being cleared for distribution while final editorial changes are made. The schedule to provide the RL and regulators with the document has slipped one week due to the recent revisions of the proposed alternatives. A parallel review is scheduled to begin approximately April 15, 1993, pending DOE-HQ comments.

White Bluffs Pickling Acid Crib Expedited Response Action - A review of the limited groundwater data with EPA project lead and USGS support concluded that the TCE detected in 100-F Area wells was most likely not originating from the pickling cribs.

200 West Area Carbon Tetrachloride Expedited Response Action -

Vapor Extraction System (VES) Operations

Z-A & Z-18 VES Operations - Vapor extraction from four wells in the 216-Z-1A tile field was restarted March 19, 1993. The formations in these wells are significantly tighter than the previous wells used and flows dropped from 480 cfm to 150 cfm at 10" Hg vacuum. Carbon tetrachloride (CCl₄) concentrations in these wells averaged 750 ppm.

Leased 500 cfm VES - A back-up data logger was found and efforts were focused this past week on programming it to support the leased unit operations. Operational checks of the interlocks will be conducted once the data logger is programmed and connected to the Vapor Extraction System (VES). The system will likely begin extraction from wells by Monday, March 29, 1993.

216-Z-1A Upgrade to 1000 cfm - Upgrade equipment that was being fabricated in the 200 East area pipe shop was completed and delivered to the Z-1A site Friday, March 19, 1993. Work continued on the assembly of the motor and blower frame, which, as a unit, will provide the extra 500 cfm for the upgrade

to 1000 cfm. It is anticipated that the upgraded system will be available for use on Monday, March 29, 1993.

New 1500 cfm VES - The 1500 cfm unit (at Z-9) has been hooked up and some minor installation issues are being resolved. This unit is scheduled to begin operation on Monday, March 29, 1993.

Operational Date	Source	Amount of CCl ₄ Removed (lb)	Average CCl ₄ Conc. (ppm)	Total Operational Time (hr)	Average Flowrate (SCFM)
1993 Total Prior to 3/2/93		563			
3/3 - 3/9	216-Z-1A	203	250	123.08	430
3/10 - 3/16	216-Z-1A	322	370	133.25	450
3/17 - 3/23	216-Z-1A	398	680	139.5	230
Totals 1993		1486	350	344.77	370
Totals Pre-1993		2111.4			

Well Field Design

Drilling began February 3, 1993, on the first of five vapor extraction wells to enhance the existing wellfield. Well 299-W15-218, being drilled on the north side of the 216-Z-9 Trench, reached total depth at 206 ft on March 18, 1993. The water table is at approximately 199 ft. Gas chromatograph analysis of a SEAMIST sample from 191 ft indicates 10,400 ppm CCl₄. A decision on the intervals to be screened will be based in part on groundwater sample results, expected March 24, 1993.

Site Characterization

Source Term Characterization - Engineering Surveillance and Testing (ES&T) staff is pursuing analysis of the sludge sample removed from line 840. ES&T is preparing their final report on this task.

Crib Boreholes - Deepening of 299-W18-174 within 216-Z-1A began March 17, 1993. Radioactive contamination (700 dpm alpha) was detected just below the concrete plug. The initial depth was 46 ft; as of March 23, 1993, the depth was 56 ft. Drilling progress was delayed by wind conditions earlier this week.

Data Evaluation - The final draft of the conceptual model report will be provided March 26, 1993, to meet the milestone transmittal March 31, 1993, to RL. The report is entitled "Refined Conceptual Model for the Volatile Organic Compounds - Arid Integrated Demonstration and 200 West Carbon Tetrachloride Expedited Response Action," PNL-8597.

200 Area

TABLE	AREA	LOCATION	CONTAINER	ID	WT	SIZE (/OP)	ACCUM	DT	ORIGIN	CONTENTS	SOURCE / DATE-TIME-INIT. WIL
CARBON TET	SITE		EFSG-92-1033	H	400	LB	03/06/92		SITE	GAS ACCUMULATING CANISTER #400	OTHERIDW
CARBON TET	SITE		EFSG-92-1034	H	400	LB	03/06/92		SITE	GAS ACCUMULATING CANISTER #400	OTHERIDW
CARBON TET	SITE		EFSG-92-1035	H	1000	LB	03/06/92		SITE	GAS ACCUMULATING CANISTER #1000	OTHERIDW
CARBON TET	SITE		EFSG-92-1036	H	1000	LB	03/06/92		SITE	GAS ACCUMULATING CANISTER #1000	OTHERIDW
CARBON TET	SITE		EFSG-92-1037	H	1000	LB	03/06/92		SITE	GAS ACCUMULATING CANISTER #1000	OTHERIDW
CARBON TET	SITE		EFSG-92-1038	H	2000	LB	03/06/92		SITE	GAS ACCUMULATING CANISTER #2000	OTHERIDW
CARBON TET	W15-218		EFSG-93-0088	H	55		02/25/93		W15-218	SOIL 112.5-118'	OTHERIDW
ERA	80		ERE-93-0001	H	55		02/17/93	90		SOIL CONTAMINATED WITH USED MOTOR OIL	MISC
ERA	80		ERE-93-0002	H	55		02/17/93	90		SOIL CONTAMINATED WITH USED MOTOR OIL	MISC
ERA	80		ERE-93-0003	H	55		02/17/93	90		SOIL CONTAMINATED WITH USED MOTOR OIL	MISC
ERA	80		ERE-93-0004	H	55		02/17/93	90		SOIL CONTAMINATED WITH USED MOTOR OIL	MISC
ERA	80		ERE-93-0005	H	55		02/17/93	90		SOIL CONTAMINATED WITH USED MOTOR OIL	MISC
100-BC-1	CWCSAR		EFSG-92-0684	R	55/95		03/31/92	116B-2		DECON FLUID 700 CPM	CERCLA
100-DR-1	DR1 RCA		EFSG-91-1115	M	55		10/28/91	116D-1A		SOIL 24-31'	RCRA PP
100-DR-1	DR1 RCA		EFSG-91-1116	M	55		10/30/91	116D-1A		SOIL 31-38'	RCRA PP
100-DR-1	DR1 RCA		EFSG-91-1128	M	55/95		11/07/91	116D-1A		30 GAL DECON H2O 'NA	RCRA PP
100-DR-1	DR1 RCA		EFSG-91-1129	M	55/95		11/06/91	116D-1A		20 GAL DECON H2O 'NA	RCRA PP
100-DR-1	DR1 RCA		EFSG-92-0038	M	55/95		01/25/92	116DR-9C		DECON FLUID	RCRA PP
100-DR-1	DR1 RCA		EFSG-92-0340	U	55/95		03/04/92	116H-7		DECON FLUID	RCRA PP
FR-1	CWCSAR		EFSG-93-0004	R	55		03/05/93	116-F-4		DECON WATER FROM CASING DECON 1/3 FULL	CERCLA
100-IU-5	WBPAC		EREF-92-1165	U	8		12/07/92	WBPAC		SOIL SAMPLING RESIDUALS, GLOVES	CERCLA
100-KR-1	CWCSAR		EFSG-92-1163	R	55/95		11/18/92	116K-2		DECON FLUID 'NA	CERCLA
100-NR-1	CWCSA		EFSG-93-0009	U	8		01/26/93	100-NR-1		SOILS - HEXAVALENT CHROMIUM TEST SUS-HAZ	RCRA PP
100-NR-1	CWCSA		EFSG-93-0014	U	55		01/18/93	UN100N17		SOIL (SUSPECTED HAZARDOUS) 51.5-61.5'	RCRA PP
100-NR-1	CWCSA		EFSG-93-0015	U	55		01/22/93	UN100N17		SOIL (SUSPECTED HAZARDOUS) 61.5-75'	RCRA PP
100-NR-1	CWCSA		EFSG-93-0016	U	8		01/27/93	UN100N17		SOIL (SUSPECTED HAZARDOUS) 'NA	RCRA PP
100-NR-1	CWCSAR		EFSG-92-0941	R	55/95		07/28/92	199-N-80		GW SLURRIES 68-79' 500 CPM B/G	RCRA PP
100-NR-1	CWCSAR		EFSG-92-1140	R	55/95		12/02/92	119-N		DECON FLUID 'NA 33% FULL	RCRA PP
100-NR-1	CWCSAR		EFSG-92-1141	R	55/95		12/02/92	119-N		DECON FLUID 'NA 33% FULL	RCRA PP
100-NR-1	CWCSAR		EFSG-92-1154	R	55/95		12/15/92	1322-N		DECON FLUID 'NA	RCRA PP
100-NR-1	CWCSAR		EFSG-92-1156	R	55/95		12/15/92	S. POND		DECON WATER 'NA 50% FULL	RCRA PP
100-NR-1	CWCSAR		EFSG-92-1157	R	55/95		12/16/92	S. POND		DECON WATER 'NA 1/4 FULL	RCRA PP
100-NR-1	CWCSAR		EFSG-92-1188	R	55/95		12/22/92	116N-2		DECON FLUID 'NA	RCRA PP
100-NR-1	CWCSAR		EFSG-93-0008	R	55		01/21/93	120-N-2		DECON FLUID 'NA	RCRA PP
100-NR-1	CWCSAR		EFSG-93-0018	R	55		01/27/93	UN100N17		DECON FLUID FROM REG. RIG # HO-22-5307	RCRA PP
100H	H4-2		EFSG-93-0086	H	55		02/09/93	H4-2		ANTIFREEZE, SOIL, ABSORBANT (SUSPECT HAZ)	MISC
100N	N-75 RCA		GEOS-92-0202	R	55/95		04/28/92	199-N-75		SLURRIES 75-79' 500 CPM	GEOS
100N	N-75 RCA		GEOS-92-0203	R	55/95		04/29/92	199-N-75		SLURRIES 79-85' 5-600 CPM	GEOS
100N	N-75 RCA		GEOS-92-0204	R	55/95		04/29/92	199-N-75		SLURRIES 85-89' --- CPM	GEOS
100N	N-75 RCA		GEOS-92-0205	R	55/95		04/29/92	199-N-75		SLURRIES 89-92' --- CPM	GEOS
200-BP-1	LLRCA WK		EFSG-91-0439	R	55/85		07/18/91	216B-57A		DECON FLUID 0-58' (SAMPLED)	CERCLA

Environmental Field Services WASTE INSPECTION LOG

☐ RCRA ☐ RPP ☒ CERCLA

☐ Weekly ☒ Monthly

- ☒ Collection Area ☐ Temporary Storage Facility
☐ Satellite Accumulation Area ☐ Centralized Waste Container Storage Area
☐ Radioactive Materials Area

Project Location: Carbon Tet CCL4 UCA Inspection Date 2-24-93 Time 9:30

PROCEDURE: If an entire inspection category does not apply, an "N/A" (not applicable) shall be placed next to the category heading. If one or more items apply, all items within that category shall be marked "Y" for yes, "N" for no, or "N/A" listing any discrepancy by number and letter, and providing a short narrative of the problem and the corrective action taken in the section below, including affected container numbers.

1. SAFETY/EMERGENCY EQUIPMENT NA
a. Communication equipment (non functional) _____
b. Portable eyewash and shower (damaged/unserviceable) _____
c. Fire extinguisher (damaged, broken seal, missing pin, tag information unreadable/missing) _____
d. First Aid Kit (items missing) _____
e. Other _____

2. PERSONAL PROTECTIVE EQUIPMENT NA
a. Coveralls (torn/unserviceable) _____
b. Gloves (torn/unserviceable) _____
c. Safety goggles (cracked/warped/unserviceable) _____
d. Hardhat (damaged/unserviceable) _____
e. Respirator (unsealed bag, missing/unreadable expiration date) _____
f. Other _____

3. SPILL CONTROL EQUIPMENT NA
a. Shovels (damaged/unserviceable) _____
b. Absorbent (wet/low inventory) _____
c. Spare container (damaged/unserviceable) _____
d. Salvage container (damaged/unserviceable) _____
e. Container liners (unserviceable/low inventory) _____
f. Adhesive tape (wet/low inventory) _____
g. Bung, crescent wrench (damaged/unserviceable) _____
h. Other _____

4. WASTE COLLECTION/STORAGE _____
a. Warning signs, ropes (unreadable, worn, not erected) N
b. Aisle space (inadequate/blocked) N
c. Incompatible waste (inadequate separation) N
d. Container body (dented/corroded/leaking/unserviceable) N
e. Container lid, closure ring, bolt, nut or bung (damaged/unserviceable/missing) N
f. Container markings, labels, IC forms (unreadable/incorrect/missing) N
g. Accumulation start date (unreadable/missing) N
h. Pallets (broken slats/nails protruding) N
i. Other _____

5. INDOOR STORAGE NA
a. Warning signs (unreadable, worn, missing) _____
b. Doors (damaged/unclosable) _____
c. Sump (inadequate volume, damaged floor/wall, liquid accumulation) _____
d. Other _____

Corrective Action Taken and Date: _____

DON GRIFPIN / Don Griffin
Inspected by: (print/sign)

2-25-93
Date

Environmental Field Services WASTE INSPECTION LOG

☐ RCRA ☐ RPP ☒ CERCLA

☐ Weekly ☒ Monthly

☒ Collection Area

☐ Temporary Storage Facility

☐ Satellite Accumulation Area

☐ Centralized Waste Container Storage Area

☐ Radioactive Materials Area

Project Location: Carbon Tet W15-216 Inspection Date 2-24-93 Time 9:40

PROCEDURE: If an entire inspection category does not apply, an "N/A" (not applicable) shall be placed next to the category heading. If one or more items apply, all items within that category shall be marked "Y" for yes, "N" for no, or "N/A" listing any discrepancy by number and letter, and providing a short narrative of the problem and the corrective action taken in the section below, including affected container numbers.

1. SAFETY/EMERGENCY EQUIPMENT NA

- a. Communication equipment (non functional) _____
- b. Portable eyewash and shower (damaged/unserviceable) _____
- c. Fire extinguisher (damaged, broken seal, missing pin, tag information unreadable/missing) _____
- d. First Aid Kit (items missing) _____
- e. Other _____

2. PERSONAL PROTECTIVE EQUIPMENT NA

- a. Coveralls (torn/unserviceable) _____
- b. Gloves (torn/unserviceable) _____
- c. Safety goggles (cracked/warped/unserviceable) _____
- d. Hardhat (damaged/unserviceable) _____
- e. Respirator (unsealed bag, missing/unreadable expiration date) _____
- f. Other _____

3. SPILL CONTROL EQUIPMENT NA

- a. Shovels (damaged/unserviceable) _____
- b. Absorbent (wet/low inventory) _____
- c. Spare container (damaged/unserviceable) _____
- d. Salvage container (damaged/unserviceable) _____
- e. Container liners (unserviceable/low inventory) _____
- f. Adhesive tape (wet/low inventory) _____
- g. Bung, crescent wrench (damaged/unserviceable) _____
- h. Other _____

4. WASTE COLLECTION/STORAGE _____

- a. Warning signs, ropes (unreadable, worn, not erected) N
- b. Aisle space (inadequate/blocked) N
- c. Incompatible waste (inadequate separation) N
- d. Container body (dented/corroded/leaking/unserviceable) N
- e. Container lid, closure ring, bolt, nut or bung (damaged/unserviceable/missing) N
- f. Container markings, labels, IC forms (unreadable/incorrect/missing) N
- g. Accumulation start date (unreadable/missing) N
- h. Pallets (broken slats/nails protruding) N
- i. Other _____

5. INDOOR STORAGE NA

- a. Warning signs (unreadable, worn, missing) _____
- b. Doors (damaged/unclosable) _____
- c. Sump (inadequate volume, damaged floor/wall, liquid accumulation) _____
- d. Other _____

Corrective Action Taken and Date: _____

Don Griffin / Don Griffin
Inspected by: (print/sign)

2-25-93
Date

Environmental Field Services WASTE INSPECTION LOG

☐ RCRA ☐ RPP ☒ CERCLA

☐ Weekly ☒ Monthly

☒ Collection Area

☐ Temporary Storage Facility

☐ Satellite Accumulation Area

☐ Centralized Waste Container Storage Area

☐ Radioactive Materials Area

Project Location: Carbon Tet W15-217 Inspection Date 2-24-93 Time 9:35

PROCEDURE: If an entire inspection category does not apply, an "N/A" (not applicable) shall be placed next to the category heading. If one or more items apply, all items within that category shall be marked "Y" for yes, "N" for no, or "N/A" listing any discrepancy by number and letter, and providing a short narrative of the problem and the corrective action taken in the section below, including affected container numbers.

1. SAFETY/EMERGENCY EQUIPMENT NA

- Communication equipment (non functional) _____
- Portable eyewash and shower (damaged/unserviceable) _____
- Fire extinguisher (damaged, broken seal, missing pin, tag information unreadable/missing) _____
- First Aid Kit (items missing) _____
- Other _____

2. PERSONAL PROTECTIVE EQUIPMENT NA

- Coveralls (torn/unserviceable) _____
- Gloves (torn/unserviceable) _____
- Safety goggles (cracked/warped/unserviceable) _____
- Hardhat (damaged/unserviceable) _____
- Respirator (unsealed bag, missing/unreadable expiration date) _____
- Other _____

3. SPILL CONTROL EQUIPMENT NA

- Shovels (damaged/unserviceable) _____
- Absorbent (wet/low inventory) _____
- Spare container (damaged/unserviceable) _____
- Salvage container (damaged/unserviceable) _____
- Container liners (unserviceable/low inventory) _____
- Adhesive tape (wet/low inventory) _____
- Bung, crescent wrench (damaged/unserviceable) _____
- Other _____

4. WASTE COLLECTION/STORAGE _____

- Warning signs, ropes (unreadable, worn, not erected) N
- Aisle space (inadequate/blocked) N
- Incompatible waste (inadequate separation) N
- Container body (dented/corroded/leaking/unserviceable) N
- Container lid, closure ring, bolt, nut or bung (damaged/unserviceable/missing) N
- Container markings, labels, IC forms (unreadable/incorrect/missing) N
- Accumulation start date (unreadable/missing) N
- Pallets (broken slats/nails protruding) N
- Other _____

5. INDOOR STORAGE NA

- Warning signs (unreadable, worn, missing) _____
- Doors (damaged/unclosable) _____
- Sump (inadequate volume, damaged floor/wall, liquid accumulation) _____
- Other _____

Corrective Action Taken and Date: _____

DONGRIFFIN / DM Griffer
Inspected by: (print/sign)

2-25-93
Date